

	Type	Hits	Search Text
1	BRS	0	'10/619776'
2	BRS	0	'10/619,776'
3	BRS	0	'10,619,776'
4	BRS	2	("5388173" "6490390").pn.
5	BRS	623	((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1)) same grating\$1)
6	BRS	1933	(vary\$4 chang\$4 alter\$4) near7 (angle\$1 period\$1) near7 grating\$1
7	BRS	6637	grating\$1 near12 period\$4
8	BRS	103	phase near1 mask\$1 same split\$3
9	BRS	6293	interference same grating\$1
10	BRS	630	((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)
11	BRS	5	((vary\$4 chang\$4 alter\$4) near7 (angle\$1 period\$1) near7 grating\$1) and (grating\$1 near12 period\$4) and (phase near1 mask\$1 same split\$3) and (interference same grating\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1))
12	BRS	6081	(variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1
13	BRS	1299	((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)
14	BRS	8424	grating\$1 same period\$4
15	BRS	130	((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)
16	BRS	124	((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)
17	BRS	107631	(variable vary\$4 control\$4 tun\$4) near4 (period\$4)
18	BRS	88	((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))
19	BRS	30042	385/\$.ccls.
20	BRS	113	((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.ccls.

	DBs	Time Stamp	Comments	Error Definition
1	USPAT; US-PGPUB	2004/06/08 18:10		
2	USPAT; US-PGPUB	2004/06/08 18:11		
3	USPAT; US-PGPUB	2004/06/08 18:11		
4	USPAT; US-PGPUB	2004/06/08 18:14		
5	USPAT; US-PGPUB	2004/06/09 11:25		
6	USPAT; US-PGPUB	2004/06/09 10:12		
7	USPAT; US-PGPUB	2004/06/09 11:22		
8	USPAT; US-PGPUB	2004/06/09 10:38		
9	USPAT; US-PGPUB	2004/06/09 10:54		
10	USPAT; US-PGPUB	2004/06/09 11:20		
11	USPAT; US-PGPUB	2004/06/09 11:16		
12	USPAT; US-PGPUB	2004/06/09 11:18		
13	USPAT; US-PGPUB	2004/06/09 11:26		
14	USPAT; US-PGPUB	2004/06/09 11:22		
15	USPAT; US-PGPUB	2004/06/09 11:29		
16	USPAT; US-PGPUB	2004/06/09 11:29		
17	USPAT; US-PGPUB	2004/06/09 11:29		
18	USPAT; US-PGPUB	2004/06/09 12:05		
19	USPAT; US-PGPUB	2004/06/09 11:30		
20	USPAT; US-PGPUB	2004/06/14 15:30		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0

	Type	Hits	Search Text
21	BRS	35	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.
22	BRS	0	((((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1))) same grating\$1)) and 385/\$.ccls.
23	BRS	88	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4)))
24	BRS	1	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4)))
25	BRS	48	((((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1))) same grating\$1))
26	BRS	35	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.
27	BRS	53	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) not (((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls. )
28	BRS	11	("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.

	DBs	Time Stamp	Comments	Error Definition
21	USPAT; US-PGPUB	2004/06/09 11:41		
22	EPO; JPO; DERWENT	2004/06/09 11:31		
23	USPAT; US-PGPUB	2004/06/09 11:32		
24	EPO; JPO; DERWENT	2004/06/09 11:32		
25	EPO; JPO; DERWENT	2004/06/14 15:29		
26	USPAT; US-PGPUB	2004/06/09 14:45		
27	USPAT; US-PGPUB	2004/06/09 12:06		
28	USPAT; US-PGPUB	2004/06/14 15:08		

	Errors
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0

	Type	Hits	Search Text
29	BRS	4	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and (interferomet\$4 mzi\$1)
30	BRS	11	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and ((variable vary\$4 control\$4 tun\$4) near4 period\$4) and ((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1)
31	BRS	0	'02/0711113'
32	BRS	0	'02/0711113a1'
33	BRS	2	'020711113'
34	BRS	0	'wo 02/0711113'
35	BRS	1	6548225.PN.
36	BRS	1	6548225.PN. and ((variable vary\$4 control\$4 tun\$4) near4 period\$4) and ((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1)
37	BRS	1	6548225.PN. and (control\$5 same (mov\$4 tilt\$4 translat\$5 rotat\$5 steer\$4))
38	BRS	1	6548225.PN. and (mov\$4 tilt\$4 mirror\$1 reflect\$5 rotat\$5 steer\$4 point\$1 imping\$4 location\$1)
39	BRS	1	6548225.PN. and (split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
40	BRS	1	6548225.PN. and (mask\$4 split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
41	BRS	1	6548225.PN. and (locat\$5 position\$4 mask\$4 split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
42	BRS	1	6548225.PN. and (locat\$5 position\$4 mask\$4 split\$4 translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
43	BRS	11	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.
44	BRS	2	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and integrat\$4
45	BRS	1	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and (IC chip\$1)
46	BRS	114	((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.ccls.

	DBs	Time Stamp	Comments	Error Definition
29	USPAT; US-PGPUB	2004/06/09 14:43		
30	USPAT; US-PGPUB	2004/06/14 11:47		
31	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:35		
32	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:35		
33	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:36		
34	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:36		
35	USPAT; US-PGPUB	2004/06/15 10:29		
36	USPAT; US-PGPUB	2004/06/14 11:47		
37	USPAT; US-PGPUB	2004/06/14 13:09		
38	USPAT; US-PGPUB	2004/06/14 13:44		
39	USPAT; US-PGPUB	2004/06/14 13:47		
40	USPAT; US-PGPUB	2004/06/14 13:47		
41	USPAT; US-PGPUB	2004/06/14 13:49		
42	USPAT; US-PGPUB	2004/06/14 13:49		
43	USPAT; US-PGPUB	2004/06/14 17:33		
44	USPAT; US-PGPUB	2004/06/14 16:30		
45	USPAT; US-PGPUB	2004/06/14 15:10		
46	USPAT; US-PGPUB	2004/06/14 15:30		



	Errors
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0

	Type	Hits	Search Text
47	BRS	15	(((((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.cc1s. ) and ((acoust\$3 adj1 optic\$4) same modulat\$4 same (reflect\$4 mirror\$1)))
48	BRS	234	grating\$1 same ((acoust\$3 adj1 optic\$4) same modulat\$4 same (reflect\$4 mirror\$1))
49	BRS	155	grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1))
50	BRS	68	grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))
51	BRS	5	(grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
52	BRS	10	((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
53	BRS	20	((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
54	BRS	15	((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)) not ((grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))) and grating\$1 near1 (adjust\$5 tun\$5 control\$4))
55	BRS	6	((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)) and ((acoust\$3 adj1 optic\$4) same angl\$1 same beam\$1)
56	BRS	8	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and lens\$2
57	BRS	3	((("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn. ) and planar
58	BRS	1	6548225.PN. and (reflect\$5 substr\$4 silic\$5 '95' layer\$1)
59	BRS	1	6548225.PN. and (mirror\$1 reflect\$5 substr\$4 silic\$5 '95' layer\$1)
60	BRS	0	6548225.PN. and ((waveguide\$1 fiber\$1) same chirp\$4)
61	BRS	0	6548225.PN. and ((waveguide\$1 fiber\$1) same logitud\$5) and chirp\$4
62	BRS	0	6548225.PN. and ((waveguide\$1 fiber\$1) same longitud\$5) and chirp\$4
63	BRS	1	6548225.PN. and ((waveguide\$1 fiber\$1) near7 (translat\$4 mov\$4 along)) and chirp\$4
64	BRS	1	6548225.PN. and ((waveguide\$1 fiber\$1) near12 (translat\$4 mov\$4 along)) and chirp\$4
65	BRS	1	6548225.PN. and (waveguide\$1 fiber\$1 wave translat\$4 mov\$4 chirp\$4)
66	BRS	1	6548225.PN. and (waveguide\$1 fiber\$1 wave) same (translat\$4 mov\$4 chirp\$4)

	DBs	Time Stamp	Comments	Error Definition
47	USPAT; US-PGPUB	2004/06/14 15:35		
48	USPAT; US-PGPUB	2004/06/14 15:35		
49	USPAT; US-PGPUB	2004/06/14 15:35		
50	USPAT; US-PGPUB	2004/06/14 15:43		
51	USPAT; US-PGPUB	2004/06/14 15:43		
52	USPAT; US-PGPUB	2004/06/14 15:44		
53	USPAT; US-PGPUB	2004/06/14 16:10		
54	USPAT; US-PGPUB	2004/06/14 15:44		
55	USPAT; US-PGPUB	2004/06/14 16:11		
56	USPAT; US-PGPUB	2004/06/14 16:31		
57	USPAT; US-PGPUB	2004/06/14 17:35		
58	USPAT; US-PGPUB	2004/06/14 17:36		
59	USPAT; US-PGPUB	2004/06/14 18:27		
60	USPAT; US-PGPUB	2004/06/14 18:29		
61	USPAT; US-PGPUB	2004/06/14 18:30		
62	USPAT; US-PGPUB	2004/06/14 18:30		
63	USPAT; US-PGPUB	2004/06/14 18:44		
64	USPAT; US-PGPUB	2004/06/14 18:44		
65	USPAT; US-PGPUB	2004/06/14 18:47		
66	USPAT; US-PGPUB	2004/06/14 18:47		

	Errors
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0

	Type	Hits	Search Text
67	BRS	1	6548225.PN. and (waveguide\$1 fiber\$1 fibre\$1 wave) same (translat\$4 mov\$4 chirp\$4)
68	BRS	1	6548225.PN. and (waveguide\$1 fiber\$1 fibre\$1 wave) near12 (translat\$4 mov\$4) same chirp\$4

	DBs	Time Stamp	Comments	Error Definition
67	USPAT; US-PGPUB	2004/06/14 18:48		
68	USPAT; US-PGPUB	2004/06/14 18:49		

	<b>Errors</b>
67	0
68	0